This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method for providing information describing a file system connection between a local file system located on a local system and a host file system located on a host system, said method comprising:

encoding the information in a metalanguage format comprising one or more tags, each tag

having an identifier and a set of one or more attributes, wherein the encoded information forms a file system connection descriptor comprising:

a local system data structure comprising at least one tag representing the local file system;

a host system data structure comprising at least one tag representing the host file system; and

a mapping data structure comprising at least one tag representing a mapping between a file in the local file system and a file in the host file system and a transfer type that defines a data format for transferring data between the host system and the local system~~, wherein the mapping is used to map and convert files from the host file system to the local file system~~ to support remote editing of files in the host file system from the local file system; and

parsing the file system connection descriptor according to the metalanguage tags.

2. (Currently Amended) A data structure embodied in a computer-readable storage medium, said data structure representing information describing a file system connection between a local file system located on a local system and a host file system located on a host system, wherein said data structure comprises a file system connection descriptor, said file system connection descriptor comprising:

a local system data structure comprising at least one tag representing the local file system;

a host system data structure comprising at least one tag representing the host file system; and

a mapping data structure comprising at least one tag representing a mapping between a file in the local file system and a file in the host file system used to map and a transfer type that defines a data format for transferring data between the host system and the local system ~~convert files from the host file system to the local file system~~ to support remote editing of files in the host file system from the local file system, wherein the tags are encoded in a metalanguage format.

3. (Currently Amended) The file system connection descriptor of claim 2 wherein the mapping data structure comprises:

a local file extension data structure storing a local file extension;

a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied~~; and~~

~~a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping~~.

4. (Original) The file system connection descriptor of claim 3 wherein the mapping data structure further comprises:

a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and

a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

5. (Original) The file system connection descriptor of claim 2 wherein the host system data structure comprises:

a data structure storing an identification of the host system;

a data structure storing an identification of a user of the host system;

a data structure storing an identification of a preferred drive on the local system; and

a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

6. (Original) The file system connection descriptor of claim 2 wherein the host system data structure further comprises:

a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

7. (Original) The file system connection descriptor of claim 2 encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

8. (Previously Presented) The file system connection descriptor of claim 7, wherein the tagged metalanguage is Extensible Markup Language (XML).

9. (Currently Amended) The method of claim 1, wherein the mapping data structure comprises:

a local file extension data structure storing a local file extension;

a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied~~, and~~

~~a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping~~.

10. (Previously Presented) The method of claim 9, wherein the mapping data structure further comprises:

a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and

a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

11. (Previously Presented) The method of claim 1, wherein the host system data structure comprises:

a data structure storing an identification of the host system;

a data structure storing an identification of a user of the host system;

a data structure storing an identification of a preferred drive on the local system; and

a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

12. (Previously Presented) The method of claim 1, wherein the host system data structure further comprises:

a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

13. (Previously Presented) The method of claim 1, wherein the file system connection descriptor is encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

14. (Previously Presented) The method of claim 13, wherein the tagged metalanguage is Extensible Markup Language (XML).

15. (Currently Amended) A local system in communication with a host system having a host file system over a network, comprising:

a storage device having a local file system; and

a computer readable medium including a file system connection descriptor representing information describing a file system connection between the local file system located on the local system and the host file system located on the host system, wherein said data structure comprises a file system connection descriptor, said file system connection descriptor comprising:

(i) a local system data structure comprising at least one tag representing the local file system;

(ii) a host system data structure comprising at least one tag representing the host file system; and

(iii) a mapping data structure comprising at least one tag representing a mapping between a file in the local file system and a file in the host file system and a transfer type that defines a data format for transferring data between the host system and the local system~~, wherein the mapping is used to map and convert files from the host file system to the local file system~~ to support remote editing of files in the host file system from the local file system.

16. (Currently Amended) The local system of claim 15, wherein the mapping data structure comprises:

a local file extension data structure storing a local file extension;

a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied~~; and~~

~~a transfer type data structure storing a transfer type that defines how data will be transferred between the host system and the local system for this mapping~~.

17. (Previously Presented) The local system of claim 16, wherein the mapping data structure further comprises:

a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded; and

a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded.

18. (Previously Presented) The local system of claim 15, wherein the host system data structure comprises:

a data structure storing an identification of the host system;

a data structure storing an identification of a user of the host system;

a data structure storing an identification of a preferred drive on the local system; and

a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system.

19. (Previously Presented) The local system of claim 15, wherein the host system data structure further comprises:

a data structure storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying a directory on the host system, and an identification of file attributes of a file located in the host system directory.

20. (Previously Presented) The local system of claim 15, wherein the file system connection descriptor is encoded in a tagged metalanguage document comprising one or more tags, each tag having an identifier and a set of one or more attributes.

21. (Previously Presented) The local system of claim 20, wherein the tagged metalanguage is Extensible Markup Language (XML).

22. (New) The method of claim 1, wherein a first transfer type indicates to transfer one file unmodified between the host file system and the local file system and wherein a second transfer type indicates to translate text in the file to transfer from the host file system to the local file system.

23. (New) The method of claim 22, wherein the first transfer type comprises a binary transfer type and wherein the second transfer type comprises a text transfer type.

24. (New) The method of claim 22, wherein a host and local code pages are used to translate text for the text transfer type.

25. (New) The data structure of claim 2, wherein a first transfer type indicates to transfer one file unmodified between the host file system and the local file system and wherein a

second transfer type indicates to translate text in the file to transfer from the host file system to the local file system.

26. (New) The data structure of claim 25, wherein the first transfer type comprises a binary transfer type and wherein the second transfer type comprises a text transfer type.

27. (New) The data structure of claim 25, wherein a host and local code pages are used to translate text for the text transfer type.

28. (New) The local system of claim 15, wherein a first transfer type indicates to transfer one file unmodified between the host file system and the local file system and wherein a second transfer type indicates to translate text in the file to transfer from the host file system to the local file system.

29. (New) The local system of claim 28, wherein the first transfer type comprises a binary transfer type and wherein the second transfer type comprises a text transfer type.

30. (New) The local system of claim 28, wherein a host and local code pages are used to translate text for the text transfer type.